

#3



0173.210us-SEQUENCE LISTING.txt

SEQUENCE LISTING

<110> ~~McBryde, Kevin~~  
McBryde, Kevin

<120> Strawberry Vein Banding Virus Promoter  
(SVBV) Promoter

<130> 0173.210us

<140> 10/020,540

<141> 2001-10-30

<150> 60/245,354

<151> 2000-11-01

<160> 10

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 476

<212> DNA

<213> Strawberry Vein Banding Virus (SVBV) Strain E3

<400> 1

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gaaaagacag caagacaatg gtgtctcgat gcaccagaac cacatctttg cagcagatgt 180  
gaagcagcca gagtgggtcca caagacgcac tcagaaaagg catcttctac cgacacagaa 240  
aaagacaacc acagctcatc atccaacatg tagactgtcg ttatgcgctg gctgaagata 300  
agactgaccc caggccagca ctaagaaga aataatgcaa gtggtcctag ctccacttta 360  
gctttaataa ttatgtttca ttattattct ctgcttttgc tcictatata aagagcttgt 420  
attttcattt gaaggcagag gcgaacacac acacagaacc tccctgctta caaacc 476

<210> 2

<211> 518

<212> DNA

<213> Strawberry Vein Banding Virus (SVBV) Strain E3

<400> 2

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agctagctat cactgaaaag acagcaagac aatgggtgtc cgatgcacca gaaccacatc 180  
tttgagcag atgtgaagca gccagagtgg tccacaagac gcactcagaa aaggcatctt 240  
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gtcggctgaa gataagactg accccaggcc agcactaaag aagaaataat gcaagtgggtc 360  
ctagctccac tttagcttta ataattatgt ttattattta ttctctgctt ttgctctcta 420  
tataaagagc ttgtattttc atttgaaggc agaggcgaac acacacacag aacctccctg 480  
cttacaacac ggatcgggct gcagggtctt aacctggg 518

<210> 3

<211> 651

<212> DNA

<213> Strawberry Vein Banding Virus (SVBV) Strain E3

<400> 3

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cgactcaga aaaggcatct tctaccgaca cagaaaaaga caaccacagc tcatcatcca 180  
acatgtagac tgtcgttatg cgtcggctga agataagact gaccccaggc cagcactaaa 240  
gaagaaataa tgcaagtggc cctagctcca ctttagcgct agctatcact gaaaagacag 300

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gagtgggtcca caagacgcac tcagaaaagg catcttctac cgacacagaa aaagacaacc 420
acagctcatc atccaacatg tagactgtcg ttatgcgtcg gctgaagata agactgaccc 480
caggccagca ctaaagaaga aataatgcaa gtggctcctag ctccacttta gctttaataa 540
ttatgtttca ttattattct ctgcttttgc tctctatata aagagcttgt attttcattt 600
gaaggcagag gcgaacacac acacagaacc tccctgctta caaacggat c 651

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<210> 4

<211> 701

<212> DNA

<213> Strawberry Vein Banding Virus (SVBV) Strain E3

<400> 4

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gcactcagaa aaggcatctt ctaccgacac agaaaaagac aaccacagct catcatccaa 180
catgtagact gtcgttatgc gtcggctgaa gataagactg accccaggcc agcactaaag 240
aagaaataat gcaagtggtc ctagctccac tttagcttta ataattatgt ttcattatta 300
ttctctgctt ttgtctctgc tagctatcac tgaaaagaca gcaagacaat ggtgtctcga 360
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ctcagaaaag gcattcttcta ccgacacaga aaaagacaac cacagctcat catccaacat 480
gtagactgtc gttatgcgtc ggctgaagat aagactgacc ccaggccagc actaaagaag 540
aaataatgca agtggtccta gctccacttt agctttaata attatgtttc attattattc 600
tctgcttttg ctctctatat aaagagcttg tatttttcatt tgaaggcaga ggcgaacaca 660
cacacagaac ctccctgctt acaaacggga tcgggctgca g 701

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<210> 5

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 5

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<210> 6

<211> 64

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 6

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<210> 7

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 7

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<211> 40

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<213> Artificial Sequence

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<223> Primer

<400> 8

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40

<210> 9

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 9

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22

<210> 10

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 10

tgcgggatcc ggtttgtaag cagggagg

28